

Patent Claims

1. Method for adjusting several parallel connected heat  
5 exchanges, which are supplied with a heat carrying  
medium, **characterised by** the following steps:
  - a. detecting for each heat exchanger a specific  
size of the heat demand of the heat exchanger in  
a predetermined period,
  - 10 b. comparing the specific sizes of all heat ex-  
changers with each other and
  - c. Changing the setting of the heat exchanger with  
the specific size displaying the smallest heat  
demand in a manner, which increases the heat de-  
15 mand?
2. Method according to claim 1, characterised in that  
the setting of all heat exchangers is changed in this  
manner, except for the heat exchangers, whose spe-  
20 cific size displays the largest heat demand.
3. Method according to claim 1 or 2, characterised in  
that the setting of at least one other heat exchanger  
is changed so that the specific size is increased.  
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4. Method according to one of the claims 1 to 3, charac-  
terised in that an opening period in the range from  
50 to 80% of the predetermined period is set for all  
heat exchangers.  
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5. Method according to one of the claims 1 to 4, charac-  
terised in that a common return temperature for the  
heat exchangers is determined and that it is estab-

lished, at which heat exchanger the return temperature increases or decreases, when the heat exchanger is opened or closed, the setting of a heat exchanger being changed by way of a reduction of the specific size, when the return temperature increases at the opening of this heat exchanger.

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6. Method according to one of the claims 1 to 5, characterised in that the setting is changed by a change of an amplification in a controller.
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7. Method according to one of the claims 1 to 6, characterised in that the setting is changed by changing a pressure difference over the heat exchanger.
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8. Method according to one of the claims 1 to 7, characterised in that the setting is changed in that the maximum opening width of the valve of the heat exchanger is changed.
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9. Method according to one of the claims 1 to 8, characterised in that the setting can be changed by changing the opening times of the valve.
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10. Method according to claim 9, characterised in that the valve is periodically closed during opening periods, which are determined by a heat demand.